Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OF 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO	FEB 2 6 2002 53
INFORMATION DI STATEMENT BY A	

of

1

Sheet

2

	Complete if Known	Œ	JAN
Application Number	09/883,033	NIE	0
Filing Date	15 June 2001	- <del>R</del>	9
First Named Inventor	Sommadossi, J-P. et al.	600	003
Group Art Unit	N/A	[29	70
Attomey Docket Number	06171.105026.	8	

U.S. PATENT DOCUMENTS								
		U.S. Patent l	Document		Date of	Pgs, Clmns, Lns,		
Examiner Initials *	Cite No. 1	Number Kind Code (if known)		Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Where Relevant Passages/Relevant Figs Appear		
	AA							
tho	AB	5,587,362		Chu, et al.	12-24-1996			
HO	AC	5,703,058		Schinazi, et al.	12-30-1997			

-	FOREIGN PATENT DOCUMENTS									
Examiner Initials *	Cite No. 1	Office	Foreign Patent D  Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document DD-MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>		
tho	AD	WO	00/09531.	(if known) A	Gosselin et al.	24-02-2000		+		
10	AE	wo	92/18517.	A	Cheng et al.	10-29-1992				
40	AF	WO	95/07287	A	Gosselin et al.	16-03-1995				
tho	AG	WO	95/32984	A	Herrmann et al.	07-12-1995		<u> </u>		
#0	AH	wo	96/40164	A	Schinazi et al.	12-19-1996				
	AI	DE	4224737	A	Schott et al.	03-02-1994				
			-"							
S-12-22-1								$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\bot}}}$		
								$\bot$		
								$\perp$		

Examiner Signature  Harand  Lies	Date Considered	8-4-03
----------------------------------	--------------------	--------

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-00)
Approved for use through 10/31/2003 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwo	rk Reduction	A Pof 1995, no persons a	are required to respond to a collection	of information unless it contains a valid O	MBEcentrol	number.
		7	2		Complete if Known	THE STATE OF THE S	AR
Submitted fo	r form 1449/PTO	FEB 2	8 3003 S.	Application Number	09/883,033	TE	0 (
I	FORMATION			Filing Date	15 June 2001	- 12 - <del></del>	\$ 20
Si	TATEMENT BY	XP.F.L.	ICATY)	First Named Inventor	Sommadossi, J-P. et al.	60	)02
		ine	Ur.	Group Art Unit	N/A	290	
Sheet	2	of	2	Attorney Docket Number	06171.105026.	P	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
Ao	BA	BEAUCHAMP, L. M., et al., "Amino Acid ester prodrugs of acyclovir." Antiviral Chem. Chemother. 1992, 3(3) 157-164.}.	
Ho	BB	BHAT, V. et al., "A Simple and Convenient Method for the Selective N-Acylations of Cytosine Nucleosides." Nucleosides & Nucleotides, 1989, 8(2), 179-183	
	BC		
HO	BD	JONES, R. et al., "Minireview: nucleotide prodrugs." Antiviral Research, (1995) 27, 1-17.	
Ho	BE	LIN et al., "Synthesis and Antiviral Activity of Various 3'-Azido Analogues of Pyrimidine Deoxyribonucleosides against Human Immunodeficiency Virus (HIV-1, HTLV-III/LAV." J. Med. Chem. 1988, 31(2), 336-340.	
He	BF	MAHMOUDIAN, "Quantitative Structure-Activity Relationships (QSARs) of Pyrimidine Nucleosides as HIV-1 Antiviral Agents." <i>Pharm. Research</i> <b>1991</b> , 8(1), 43-6.	
Ho	BG	TSAI et al., "Effect of Anti-HIV 2'-B-Fluoro-2',3'-Dideoxynucleoside Analogs on the Cellular Content of Mitochondrial DNA and on Lactate Production." <i>Biochem. Pharmacol.</i> <b>1994</b> , 48(7), 1477-81.	
			-
			<u>_</u>

Examiner	11	Date	8 4 -3
Signature	Sound Elves	Considered	8-4-03

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

## COPY OF PAPERS ORIGINALLY FILED

PTO/SB/08A (08-00)

Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwork Reduction Act of 1995; no persons are required to respond to a collection of information unless it contains a valid OMB control number.							
Submitted for form 1449/PTO				Complete if Known				
Submitted for	10rm 1449/P1O	MM	1 0 2002 2	Application Number	09/883,033			
IN	FORMATION I	SCLO	OSURE/§	Filing Date	15 June 2001			
ST	ATEMENT BY	APPL	ICANT	First Named Inventor	Sommadossi, J-P. et al.			
		-	4.500	Group Art Unit	N/A			
Sheet	1	of	2	Attorney Docket Number	06171.105026.			

	U.S. PATENT DOCUMENTS									
Examiner Initials *	Cite No. 1	U.S. Patent Number	Document  Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pgs, Clmns, Lns, Where Relevant Passages/Relevant Figs Appear				
40	AA	5,559,101		Weis	09-24-1996					

	FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No. 1	Office		Occument  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document DD-MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T"	
Ho	AB	wo	92 08727		Consiglio Nazionale	29-05-1992			
						-05	VED		
						RECE UNY 1	2 5005 PED		
						CH CEN	IER 1600 5900		
						TECHOS			

Examiner Signature	Stated Comes	Date Considered	8/4/03
Signature	10 and Clary	Considered	0/1/-3

ballacidatellassica su ---

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

## COPY OF PAPERS ORIGINALLY FILED

PTO SB/08A (08-00)

Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

/ × ×			13	Complete if Known		
Submitted for	or form 1449/PTO	MAY 1	0 5005 5	Application Number	09/883,033	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	15 June 2001	
				First Named Inventor	Sommadossi, J-P. et al.	
				Group Art Unit	N/A	
Sheet	2	of	2	Attorney Docket Number	06171.105026.	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	er Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title				
10	BA	BOUDOU, V Nucleosides & Nucleotides, vol. 18, no. 45, 1999, pages 607-609.			
40	BB	SKARIC, V. Croatica Chemica ACTA, vol. 48, no. 3, 1976, 351-359.			
to	BC	RYU, EK-et-al., J. of Carbohydrates-Nucleosides-Nucleotides, vol. 4, no. 6 97, pp. 387-408.			
10	BD	WANG, P. et al., Antiviral Research, vol. 46, no. 1/2, 1998, pages 19-44.			
		RECEIVED			
		MAY 1 5 2002			
		TECH CENTER 1600/2900			

Examiner Signature	Horand Our	Date Considered	8-4-03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. U. S. Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.